

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A fiber processing agent used for processing a surface of a fiber, comprising:

a water-soluble eggshell membrane; and a reactive organic compound having a reactive group,

wherein the reactive organic compound contains one or more of the following components 1) through 4):

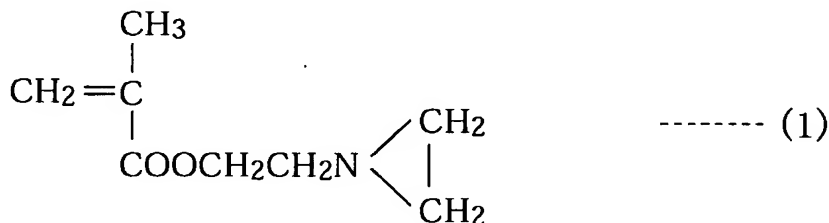
~~component 1: a hydrophilic compound having a polymerizable vinyl group in the molecule,~~

~~component 2: a monomer containing any of a hydroxyl group, a carboxylic group, an amino group, a sulfonic group, and a phosphate group,~~

~~component 3: a hydrophilic compound having an epoxy group, and~~

~~component 4: a compound having an aziridine group~~

compounds selected from the group consisting of polyethylene glycol diacrylate, polyethylene glycol dimethacrylate, bisphenol A polyethylene glycol diacrylate, bisphenol A polyethylene glycol dimethacrylate, bisphenol S polyethylene glycol dimethacrylate, acrylic acid, methacrylic acid, maleic acid, itaconic acid, acrylamide, methacrylamide, vinyl sulfonic acid, hydroxylpropyl methacrylate, polyethylene glycoldiglycidyl ether, and a compound having the following chemical formula (1):



Claim 2 (Canceled).

Claim 3 (Previously Presented): The fiber processing agent according to claim 1, wherein a content of the water-soluble eggshell membrane relative to the total weight of the fiber processing agent is in the range from 0.1 to 10% by weight; and a content of the reactive organic compound is in the range from 1 to 20% by weight.

Claim 4 (Previously Presented): A fiber processed with the fiber processing agent according to claim 1.

Claim 5 (Currently Amended): A fiber processing agent used for processing a surface of a fiber comprising:

a water-soluble eggshell membrane; and an organic compound having adhesiveness, wherein the organic compound having adhesiveness is a reactive organic compound having a reactive group, and

wherein the reactive organic ~~component~~ compound contains at least one of the following components 1) through 5):

~~component 1: a hydrophilic compound having a polymerizable vinyl group in the molecule,~~

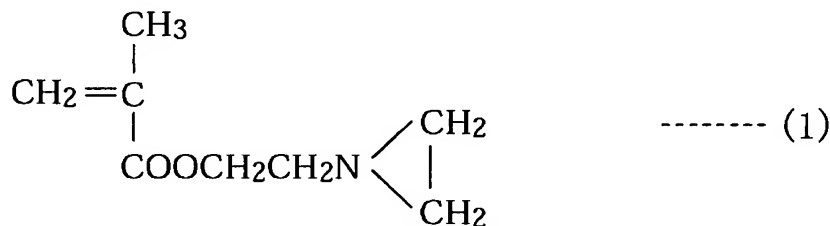
~~component 2: a monomer containing any of a hydroxyl group, a carboxylic group, an amino group, a sulfonic group, and a phosphate group,~~

~~component 3: a hydrophilic compound having an epoxy group,~~

~~component 4: a compound having an aziridine group, and~~

~~component 5: a compound containing an isocyanate group or a precursor thereof~~

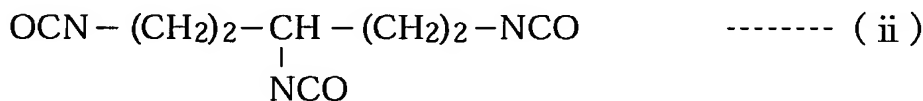
compound selected from the group consisting of polyethylene glycol diacrylate, polyethylene glycol dimethacrylate, bisphenol A polyethylene glycol diacrylate, bisphenol A polyethylene glycol dimethacrylate, bisphenol S polyethylene glycol dimethacrylate, acrylic acid, methacrylic acid, maleic acid, itaconic acid, acrylamide, methacrylamide, vinyl sulfonic acid, hydroxylpropyl methacrylate, polyethylene glycoldiglycidyl ether, a compound having the following chemical formula (1):



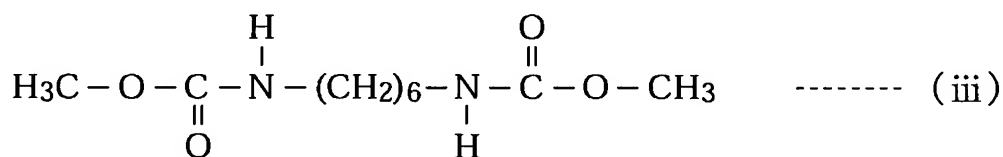
hexamethylene diisocyanate expressed by the following chemical formula (i):



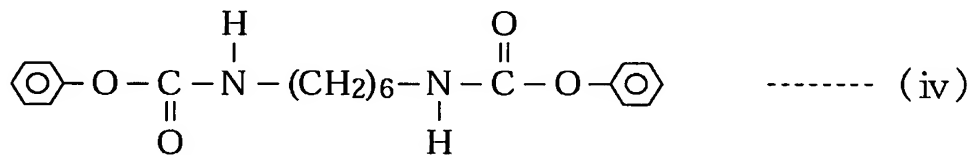
1,3,5-trisocyanate-n-pentane expressed by the following chemical formula (ii):



1, 6-di(methylcarbamoyl)-n-hexane expressed by the following chemical formula (iii):

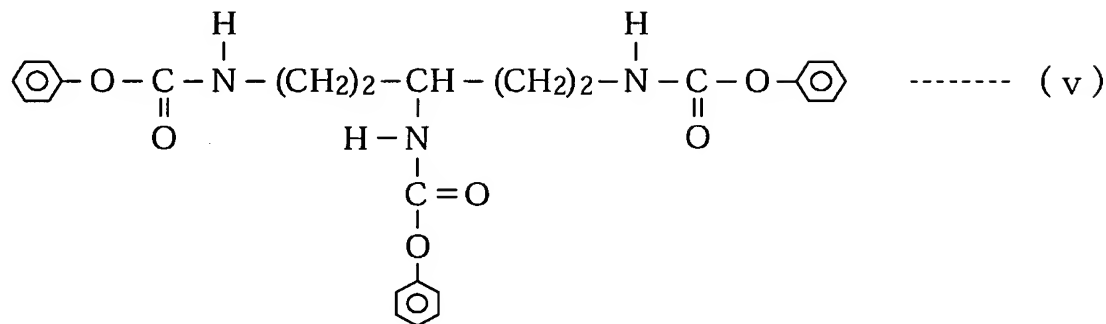


1,6-di(phenylcarbamoyl)-n-hexane expressed by the following chemical formula (iv):



, and

a compound expressed by the following chemical formula (v):



Claims 6-7 (Canceled).

Claim 8 (Previously Presented): The fiber processing agent according to claim 5, wherein the organic compound having adhesiveness is a lipophilic compound.

Claim 9 (Previously Presented): A fiber processed with the fiber processing agent according to claim 5.

Claims 10-11 (Canceled).

Claim 12 (Previously Presented): A fiber processed with the fiber processing agent according to claim 3.

Claim 13 (Canceled).

Claim 14 (Previously Presented): The fiber processing agent according to claim 8, wherein the organic compound having adhesiveness is a lipophilic compound, and is a wax or a silicone.

Claim 15 (Previously Presented): The fiber processing agent according to claim 8, wherein the organic compound having adhesiveness is a high molecular compound containing an ether, acryl, urethane, amide, or ester group.

Claims 16-17 (Canceled).

Claim 18 (Previously Presented): A fiber processed with the fiber processing agent according to claim 8.

Claim 19 (Previously Presented): The fiber processing agent according to claim 1, wherein the water-soluble eggshell membrane is prepared by chemical processing.

Claim 20 (Previously Presented): The fiber processing agent according to claim 5, wherein the water-soluble eggshell membrane is prepared by chemical processing.